

ABSTRACT

5 The present invention relates to managing/monitoring routing in a
communications network comprising a number of routing domains
(100) which in turn comprise a number of routing areas (10,20,30)
with a number of network nodes (11-15,21,22,25,31,33-35)
communicating via transmission links and wherein link state
10 routing is implemented. There is one link state database for each
routing area (10,20,30) which is maintained by each network node
of the routing area and each network node belongs to at least one
routing area and maintains one link state database for each
routing area it belongs to. At least for some of the routing areas
15 a routing controlling (15,25,35) device is provided which belongs
to the routing process of the respective area and which maintains
a copy of the link state database of the routing area which is
identical to the link state database of the area, i.e. of the
network nodes. Each routing controlling device (15,25,35) is
20 connected to a network node (14,21,22) of the respective area and
means are provided for rejecting non-routing information/traffic
to the routing controlling device and for injecting routing
information into the link state routing process of the respective
routing area from the routing controlling device (15,25,35).

(Fig. 1)